Natural Environment Scorecard

City of Seattle

For Central Waterfront Redevelopment Concept Designs -- February 27 version for Charrette

Charrette Team Name:_____ Score: _____

	Design intent and degree achieved Highest ——— Lowest	Examples of waterfront features, characteristics, attributes which achieve design intent
Improve water quality	1. Reduce disturbance of propeller wash ☐5 ☐4 ☐3 ☐2 ☐1 2. Improve stormwater quality entering Elliott Bay ☐5 ☐4 ☐3 ☐2 ☐1 3. Maintain sediment quality ☐5 ☐4 ☐3 ☐2 ☐1 4. Reduce extent of treated wood for piers ☐5 ☐4 ☐3 ☐2 ☐1 5. Reduce marine vessel emissions (bilge and air) ☐5 ☐4 ☐3 ☐2 ☐1	a) Locate high-traffic marine docking in deeper water b) Include features (green roofs, bioswale infiltration areas, cascading water systems, and permeable pavement) to capture/treat urban stormwater runoff for a broad range of storm types (e.g: 2, 10, 25 and 100 year storm events) c) Eliminate use of treated wood in new and maintenance and repairs pier work (to reduce leaching of contaminants) d) Remove/reduce over-water parking – Where it is now? Where can it be relocated or reduced? e) Reduce sources of air pollution (which leads to aerial dropout to water), including vehicular traffic and ship/boat idling f) Provide for managed marine bilge removal g) Other:
Increase and improve nearshore habitat	6. Increase extent and diversity of feeding, nesting, resting, migratory habitat for nearshore species ☐5 ☐4 ☐3 ☐2 ☐1 7. Create a well distributed shallow water fish migration path along the waterfront (natural and artificial/constructed) ☐5 ☐4 ☐3 ☐2 ☐1 8. Reduce extent of hardened shoreline ☐5 ☐4 ☐3 ☐2 ☐1 9. Decrease shading and other negative impacts of human-built structures ☐5 ☐4 ☐3 ☐2 ☐1	h) Add pocket beaches, shallow water habitat, coves, rock-outcrops, etc. i) Incorporate shallow-water coves, terracing and other non-vertical habitat features into seawall design j) Decrease rip-rap and improve the habitat quality of remaining rip-rapped shoreline k) Increase native vegetation along shoreline for insect drop (food source for migrating juvenile salmon) l) Reduce interruptions in shallow water habitat; bridging shallow water habitats m) Reduce overwater coverage, especially in the shallow water areas n) Incorporate innovative design elements into new and replaced piers -- such as increasing pier height and decreasing pier width and including light transmitting features (light tubes, grating, etc.) into pier decks. o) Other:
Improve upland habitat	10. Increase extent, variety and function of upland habitat types ☐5 ☐4 ☐3 ☐2 ☐1 11. Increase connectivity to nearby upland and aquatic habitat ☐5 ☐4 ☐3 ☐2 ☐1 12. Increase accommodations for pedestrians, bicycles, non-motorized vehicles and transit ☐5 ☐4 ☐3 ☐2 ☐1 13. Increase extent and intensity of sustainable design and construction practices in building and infrastructure development ☐5 ☐4 ☐3 ☐2 ☐1	p) Improve feeding, cover and nesting habitat for native species: bald eagles, song birds, butterflies, etc. q) Provide plantings of native vegetations, green roofs, interior courtyards -- increase extent and intensity of native vegetation r) Create a pedestrian precinct in the central waterfront/downtown area s) Ensure robust sustainable design and construction practices, (e.g. LEED or BuiltGreen standards) t) Reduce impervious surface coverage and increase pervious and semi-pervious coverage u) Other:
Increase resident and visitor sense of connection to Elliott Bay	14. Reinforce Seattleites' connections to Puget Sound ☐5 ☐4 ☐3 ☐2 ☐1 15. Optimize activities which promote human health ☐5 ☐4 ☐3 ☐2 ☐1 16. Protect view corridors from the western edge of downtown ☐5 ☐4 ☐3 ☐2 ☐1 17. Reduce ambient/ongoing noise levels and episodic noise events (e.g.: vehicle traffic, construction) ☐5 ☐4 ☐3 ☐2 ☐1	v) Create parks and open spaces which create intimate connections to Elliott Bay's shoreline and waters w) Utilize art to reinforce historical and current human interactions with Puget Sound x) Provide passive and active education opportunities to increase public understanding of the marine world y) Enhance pedestrian accommodation and/or create a pedestrian and bicycle precinct z) Increase opportunities to touch, smell and sense the water along the waterfront aa) Enhance accommodation for small boat access to downtown (kayaks, canoes) bb) Use 'Active Living by Design' and universal wheeled access design standards (no grade separation) cc) Promote land uses and economic activity which support a rich diversity of waterfront destinations and attractions dd) Locate and mass buildings, large boat moorage and other structures to protect views ee) Slow vehicle traffic and/or move by-pass vehicle traffic below grade ff) Other: